

Application No.: 10/608,026
 Amendment dated
 Reply to Office Action of September 28, 2006

Amendments to the Specification:

Please replace paragraph [0087] with the following amended paragraph:

[0087] Polyamide/polyether block (PEBA) copolymers preferably have polyamide and polyether blocks or segments linked through ester linkages, i.e. polyamide/polyether polyesters. Polyamide/polyether polyester PEBA block copolymers are made by a molten state polycondensation reaction of a dicarboxylic polyamide and a polyether diol. The result is a short chain polyester made up of blocks or segments of polyamide and polyether. Such polymers are made up of at least two polyamide and at least two polyether segments. The polyamide and polyether blocks are not miscible. Thus, the materials are characterized by a two-phase structure having a thermoplastic region that is primarily polyamide and an elastomer region that is rich in polyether. The polyamide segments are semi-crystalline at room temperature. The generalized chemical formula for these polyamide/polyether polyester block copolymers may be represented by the following formula:

